

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1773	711/114.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L2	1468	711/112.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L3	1905	711/154.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L4	1655	711/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L5	1335	711/202.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L6	809	711/203.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L7	566	711/4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L8	20087	(NAS or network adj attached adj storage) and (SAN or storage adj area adj network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:33
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L10	138	8 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34
L11	41	NAS adj controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34

L12	3	10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34
L13	24780499	@ad<"20040129"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34
L14	25	SAN adj controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:35
L15	3	10 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:35
L16	5	12 or 15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:35
L17	4	13 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:38
L18	779	file with block with (convert or conversion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:39
L19	0	17 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:40
L20	4	8 and 11 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:40
L21	1	18 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L22	3907	709/223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42

L23	1751	709/226.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L24	2465	709/229.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L25	282	714/3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L26	1330	370/235.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L27	8985	22 or 23 or 24 or 25 or 26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:43
L28	150	8 and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:43
L29	0	11 and 14 and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:43
L30	1	18 and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:43

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L2	1468	711/112.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L3	1905	711/154.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L4	1655	711/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L5	1335	711/202.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L6	809	711/203.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L7	566	711/4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:32
L8	20087	(NAS or network adj attached adj storage) and (SAN or storage adj area adj network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:33
L9	8010	1 or 2 or 3 or 4 or 5 or 6 or 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:53
L10	138	8 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34
L11	41	NAS adj controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34

L12	3	10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34
L13	24780499	@ad<"20040129"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:34
L14	25	SAN adj controller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:35
L15	3	10 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:35
L16	5	12 or 15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:35
L17	4	13 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:38
L18	779	file with block with (convert or conversion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:39
L19	0	17 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:40
L20	4	8 and 11 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:40
L21	1	18 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L22	3907	709/223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42

L23	1751	709/226.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L24	2465	709/229.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L25	282	714/3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
L26	1330	370/235.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:42
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L28	150	8 and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:43
L29	0	11 and 14 and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:43
L30	1	18 and 28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 16:43
L31	2475	1 or 2 or 3 or 4 or 5 or 6 or 7	US-PGPUB	OR	ON	2005/08/12 16:54
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L34	1	32 and 33	US-PGPUB	OR	ON	2005/08/12 16:54

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	201950	initialize or initialized or initialization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 14:40
L2	11942	disk adj storage adj system or disk adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 14:41
L3	159	1 with 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 14:41
L4	1690739	memory	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 14:41
L5	29843	1 with 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 14:41
L6	48	3 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 14:41

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L2	24780499	@ad<"20040129"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 11:31
L3	48	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 11:31
L4	20087	(NAS or network adj attached adj storage) and (SAN or storage adj area adj network)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 11:33
L5	27	3 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 11:33
L6	7673	(convert or conversion or converting or converted or transform or transforming or transformed) with I/O	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 11:34
L7	5922527	notify or notified or notification or signal or signaled or signaling or indicate or indicated or indication or indicating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 11:39
L8	0	5 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 11:39
L9	27	5 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:13



L10	2141801	initialize or initialized or initialization or configure or configured or configuration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:14
L11	286472	7 with 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:16
L12	1388	4 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:17
L13	1388	7 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:18
L14	340	6 with 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:18
L15	7	13 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:21
L16	41	file with block with L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:21
L17	3	4 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:21
L18	2	2 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:21
L19	1773	711/114.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:25
L20	566	711/4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:25

L21	1655	711/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:25
L22	1905	711/154.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:25
L23	1335	711/202.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:25
L24	282	714/3.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/12 12:25

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IEEE STD	IEEE Standard

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Wang, Y.; Kaeli, D.;  
Modeling, Analysis, and Simulation of Computer and Telecommunications Systems, 2004. (MASCOTS 2004).  
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-  **2. The basics of reliable distributed storage networks**  
Jepson, T.C.;  
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-  **3. Introducing SCSI-to-IP cache for storage area networks**  
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Duffy, D.; Acks, N.; Noga, V.; Schardt, T.; Gary, J.P.; Fink, B.; Kobler, B.; Donovan, M.; McElvaney, J.; Kamischke, K.;  
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-  **5. Streaming video over the Internet: approaches and directions**  
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-  **6. Toward the age of smarter storage**  
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- ☒ 7. **Hardware hangover**  
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- ☐ 8. **SoftUDC: a software-based data center for utility computing**  
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- ☐ 9. **Toward Effective NIC Caching: A Hierarchical Data Cache Architecture for SCSI Storage Servers**  
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- ☐ 10. **Adaptive Policy Trigger Mechanism for OBSS**  
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- ☐ 11. **Impact of Failure on Interconnection Networks for Large Storage Systems**  
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- ☐ 12. **Security vs Performance: Tradeoffs using a Trust Framework**  
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- ☐ 13. **High Performance Storage System Scalability: Architecture, Implementation and Experience**  
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- ☐ 14. **Serial ATA testing with analog tester resources**  
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**20. Creating a national lab shared storage infrastructure**

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Page(s): 55-65  
Digital Object Identifier 10.1109/IPDPS.2002.1015541  
**Summary:** Big science requires large research teams and huge amounts of data. The Internet 2 project provides the pipes, but where are the next generation buckets that will feed that network? The national labs require a storage infrastructure that is readily e.....  
[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF
- 2. Introducing SCSI-to-IP cache for storage area networks**  
Xubin He; Qing Yang; Ming Zhang  
Parallel Processing, 2002. Proceedings. International Conference on 2002  
Page(s): 203- 210  
Digital Object Identifier 10.1109/ICPP.2002.1040875  
**Summary:** Data storage plays an essential role in today's fast-growing data-intensive network services. iSCSI is one of the most recent standards that allow SCSI protocols to be carried out over IP networks. However, the disparities between SCSI and IP preven.....  
[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF
- 3. Toward the age of smarter storage**  
Robinson, G.S.  
Computer  
Volume: 35 Issue: 12 Dec 2002  
Page(s): 35- 41  
Digital Object Identifier 10.1109/MC.2002.1106177  
**Summary:** Looks at how adding intelligence to standard devices and interfaces has produced major improvements in storage capacity intelligence, making storage easier to manage and safeguard.....  
[AbstractPlus](#) | Full Text: [PDF](#) IEEE JNL
- 4. Using Idle disks in a cluster as a high-performance storage system**  
Hansen, J.S.; Lachaize, R.  
Cluster Computing, 2002. Proceedings. 2002 IEEE International Conference on 2002  
Page(s): 415- 424  
Digital Object Identifier 10.1109/CLUSTER.2002.1137774  
**Summary:** In many clusters today, the local disks of a node are only used sporadically. This paper describes the software support for sharing of disks in clusters, where the disks are distributed across the nodes in the cluster, thereby allowing them to be co.....  
[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF
- 5. Hardware hangover**  
Goldstein, H.  
Spectrum, IEEE  
Volume: 40 Issue: 1 Jan. 2003  
Page(s): 40- 43  
Digital Object Identifier 10.1109/MSPEC.2003.1159728  
**Summary:** For corporations the world over, the tech bubble of the late 1990s was an orgy of excess, which, like all parties that go on too long and involve far too much consumption, ended in a brutal hangover. Information technology (IT) departments simply bo.....

**6. Secure group services for storage area networks**

Yongdae Kim; Maino, F.; Narasimha, M.; Tsudik, G.

Security in Storage Workshop, 2002. Proceedings. First International IEEE

11 Dec. 2002

Page(s): 80- 93

**Summary:** Storage Area Networks, with their ability to offer high data availability, reliability and scalability, are a promising solution for the large scale storage needs of many enterprises. As with any distributed storage system, a major design challenge .....

[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF

**7. NAS switch: a novel CIFS server virtualization**

Katsurashima, W.; Yamakawa, S.; Torii, T.; Ishikawa, J.; Kikuchi, Y.; Yamaguti, K.; Fujii, K.; Nakashima, T.

Mass Storage Systems and Technologies, 2003. (MSST 2003). Proceedings. 20th IEEE/11th NASA Goddard Conference on 7-10 April 2003

Page(s): 82- 86

**Summary:** This paper proposes a common Internet file system (CIFS) server virtualization method which requires no proprietary software or hardware for clients or network attached storage (NAS) units. The method is implemented as an in-band network application.....

[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF

**8. Towards an object store**

Azagury, A.; Dreizin, V.; Factor, M.; Henis, E.; Naor, D.; Rinetzky, N.; Rodeh, O.; Satran, J.; Tavory, A.; Yerushalmi, L.

Mass Storage Systems and Technologies, 2003. (MSST 2003). Proceedings. 20th IEEE/11th NASA Goddard Conference on 7-10 April 2003

Page(s): 165- 176

**Summary:** Today's SAN architectures promise unmediated host access to storage (i.e., without going through a server). To achieve this promise, however, we must address several issues and opportunities raised by SANs, including security, scalability and manage.....

[AbstractPlus](#) | Full Text: [PDF](#) IEEE CNF

**9. SPEK: a storage performance evaluation kernel module for block level storage systems**

Zhang, M.; Yang, Q.; He, X.

Modeling, Analysis and Simulation of Computer Telecommunications Systems, 2003. MASCOTS 2003. 11th IEEE/ACM International Symposium on 12-15 Oct. 2003

Page(s): 88- 95

Digital Object Identifier 10.1109/MASCOT.2003.1240646

**Summary:** In this paper we introduce SPEK (storage performance evaluation kernel module), a benchmarking tool for measuring and characterizing raw performance of data storage systems at block level. It can be used for both DAS (direct attached storage) and bl.....

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